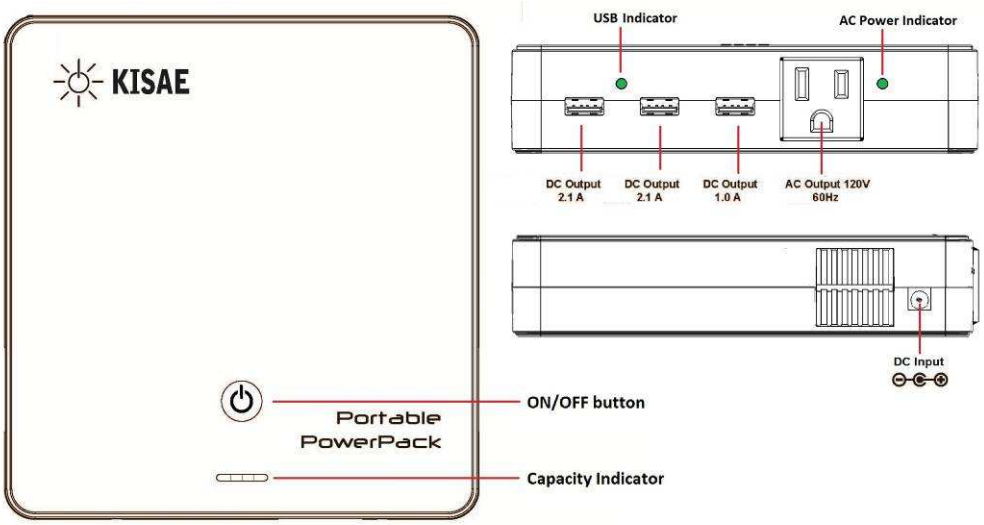
Portable PowerPack 100
Portable PowerPack 50

Quick User Guide

Thank you for purchasing the KISAE Portable PowerPack. You will now be able to make your digital life more powerful. You can run many AC-powered appliances.

For safe and optimum performance, the unit must be used properly. Each time, before using the unit, carefully read all instructions and cautionary markings on the unit and follow all instructions and guidelines in this manual. Gives special attention to the **WARNING** statements. Please keep this manual for future reference.
Because unit contains battery, upon purchasing, **immediately** charge unit for more than 10 hours with the AC charger to guarantee maximum device performance and life span. It is recommended to charge the unit after *each* use and once every *90 days*.
Disclaimer: While every precaution has been taken to ensure the accuracy of the contents of this guide, **KISAE Technology** assumes no responsibility for errors or omissions. Note as well that specifications and product functionality may change without notice.

INSTRUCTIONS



ON/OFF button
Quickly press the button to indicate the battery capacity. Hold the ON/OFF button once to switch USB outputs ON or hold it longer to switch both AC and USB outputs ON. Hold on the switch again to switch unit OFF.

Capacity Indicator
All LEDs on: 75-100% capacity

3 LEDs on: 50-75% capacity
2 LEDs on: 25-50% capacity
1 LED on: 5-25% capacity
All LEDs out: less than 5% capacity

Output & Compatibility
DC Output 1.0A: 5V/1A for iPod, iPhone and mobile phones etc
DC Output 2.1A: 5V/2.1A for iPad, Samsung P1000, Moto MH900 and MID etc
AC Output: (Model MP50) 120V/60Hz for MacBook Air or AC load less than 50W
(Model MP100) 120V/60Hz for MacBook Pro or AC load less than 90W

Product Accessory
AC Charger with charging cable

Features
Internal microprocessor control
Low static power consumption
Intelligent capacity indication by LEDs with the press of a button
Separate LED indicators to show USB and AC Output
Dual 2.1A and single 1A USB with high conversion efficiency.
Intelligent tri-color indicator to represent AC Output (Green - normal, Amber – warning for battery capacity low, high internal temperature, Red - shutdown for overload, over-temperature, battery is empty)
Thermally activated internal fan control

To Switch USB Ports ON
Hold the ON/OFF button once to switch USB Outputs ON. Green USB indicator will turn ON. USB output will automatically switch OFF after 30 seconds when the device is fully charged or when nothing is connected to the USB ports.

To Switch AC Output and USB Ports ON

Hold the ON/OFF button for about 2 seconds to switch AC Output and USB ON. Both AC Power and USB indicators will turns ON. (Note: In this mode, the USB output is continuously ON, the USB auto-turn-off feature is disabled).

To Charge the Portable PowerPack
Connect the DC plug from the supplied AC Charger to the DC Input port located on the side of the unit.

Maintenance
To keep your Portable PowerPack operating to its fullest potential, make sure to do the following:
- Re-charge the unit after each use and once every three months when not in use.
- Keep the unit dry and away from moisture and corrosive materials.
- Do not wash the unit with harsh chemicals, soaps or detergents.

Number of charges available on one charge of KISAE PowerPack
Number of charges available or run time is an estimate. Actual number of charges may vary.

Devices (Battery Capacity or Load)	PP 100	PP 50
iPhone® (~ 5.2 Wh)	~ 8.3 charges	~ 5 charges
iPad® (~ 43 Wh)	~ 1.6 charges	95%
MacBook Air® 11" ((~ 35 Wh)	~ 1.9 charges	~ 1.1 charges
MacBook Air® 13" (~ 50 Wh)	~ 1.4 charges	~ 82%
MacBook Pro® 13" (~64 Wh)	~ 1.1 charges	Not Applicable
MacBook Pro® 15" (~ 78 Wh)	~ 90%	Not Applicable
MacBook Pro® 17" (~95 Wh)	~ 75%	Not applicable
Samsung GalaxyS III® (~ 7.8 Wh)	~ 6.4 charges	~ 3.8 charges
Samsung Galaxy Tab® 10.1" (25Wh)	~ 2.5 charges	~ 1.5 charges
BlackBerry Torch® (~ 4.7 Wh)	~ 8.7 charges	~ 5.3 charges
BlackBerry Curve® (~3.7 Wh)	~ 10 charges	~ 6 charges
Incandescent light (40W)	1.7 hours	1 hour